

EXTRA PRACTICE 39**Graphing Circles, Ellipses, and Hyperbolas**

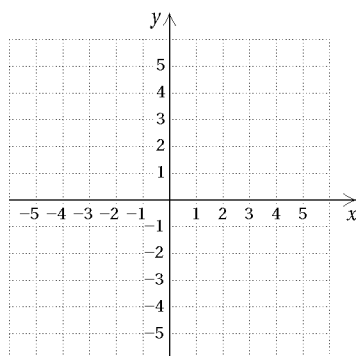
Use after Sections 9.1 - 9.3

Name _____

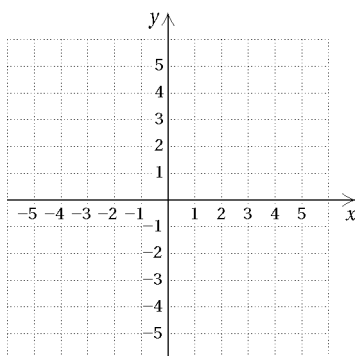
Examples: See Sections 9.1 - 9.3 for examples.

Graph.

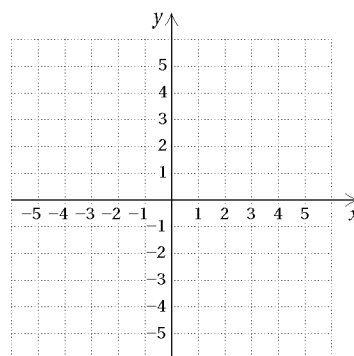
1. $x^2 + y^2 = 16$



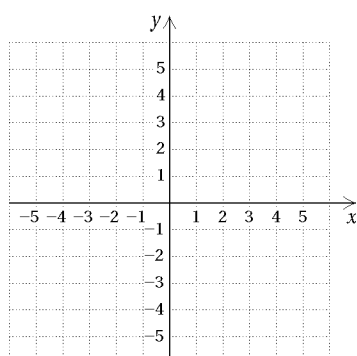
2. $x^2 + y^2 = 36$



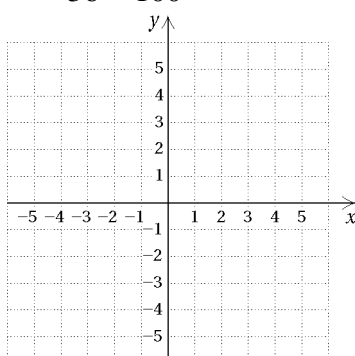
3. $x^2 + y^2 + 2x - 4y - 4 = 0$



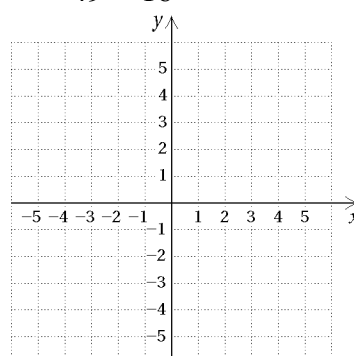
4. $x^2 + y^2 - 8x - 10y + 5 = 0$



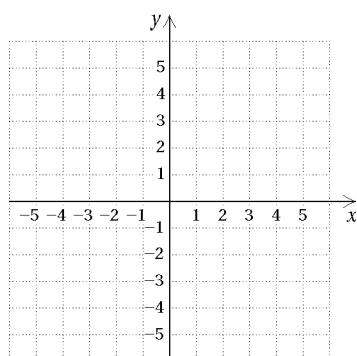
5. $\frac{x^2}{36} + \frac{y^2}{100} = 1$



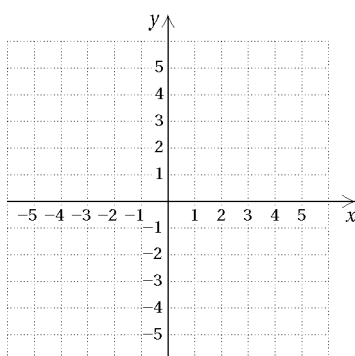
6. $\frac{x^2}{49} + \frac{y^2}{16} = 1$



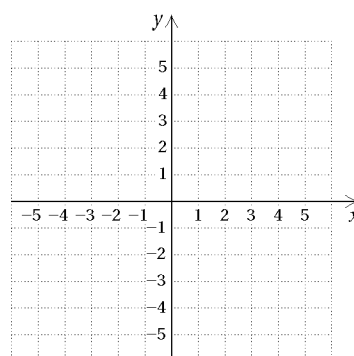
7. $4x^2 + y^2 = 36$



8. $4x^2 + 25y^2 = 100$



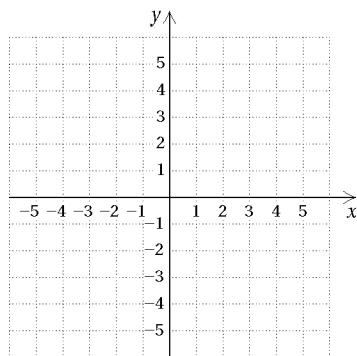
9. $\frac{x^2}{36} - \frac{y^2}{64} = 1$



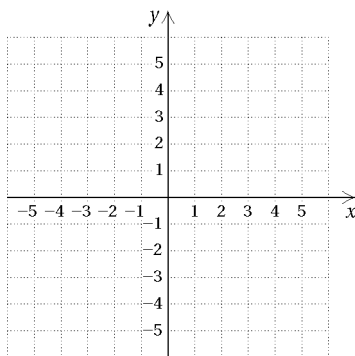
EXTRA PRACTICE 39 (continued)
Graphing Circles, Ellipses, and Hyperbolas
 Use after Sections 9.1 - 9.3

Name _____

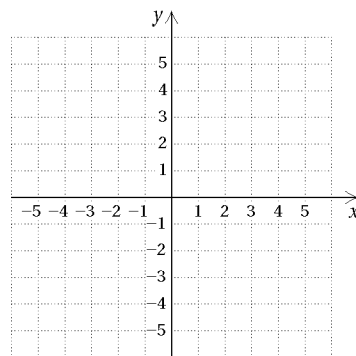
10. $\frac{y^2}{81} - \frac{x^2}{9} = 1$



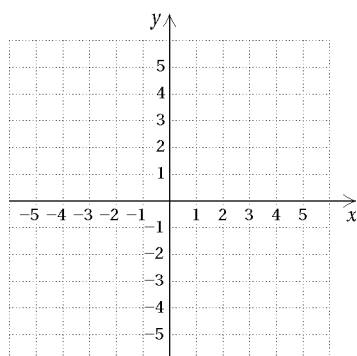
11. $4x^2 - 49y^2 = 196$



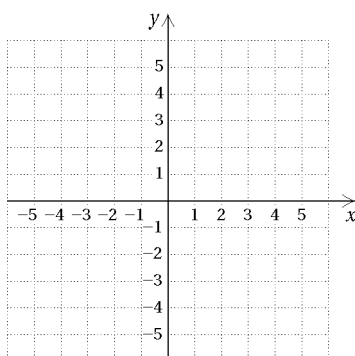
12. $16y^2 - 9x^2 = 144$



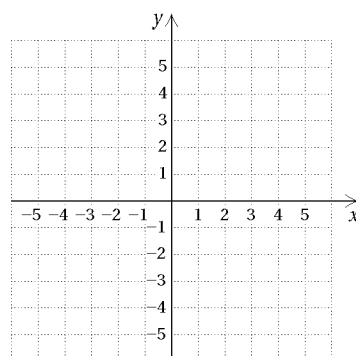
13. $\frac{x^2}{64} + y^2 = 1$



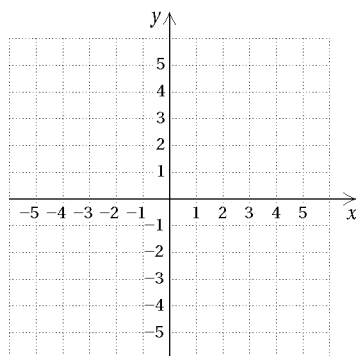
14. $\frac{y^2}{25} - \frac{x^2}{4} = 1$



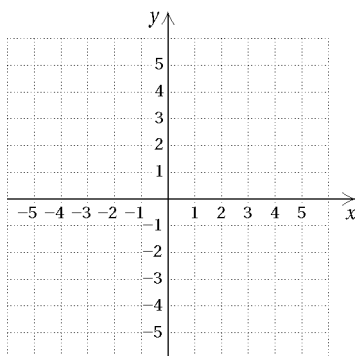
15. $16x^2 - 36y^2 = 144$



16. $x^2 + y^2 = 81$



17. $x^2 + 9y^2 = 36$



18. $x^2 + y^2 + 6x - 10y - 15 = 0$

